

1 **ABSTRACT**

2 A serverless distributed file system manages the storage of files and
3 directories using one or more directory groups. The directories may be managed
4 using Byzantine-fault-tolerant groups, whereas files are managed without using
5 Byzantine-fault-tolerant groups. Additionally, the file system may employ a
6 hierarchical namespace to store files. Furthermore, the directory group may
7 employ a plurality of locks to control access to objects (e.g., files and directories)
8 in each directory.